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**In the United States Patent and Trademark Office**

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JUL 22 2004

**Date:** 7/16/04

Technology Center 2600

**In re Application of:** H.S. Gill

**Filed:** 2/20/02

**For:** Magnetoresistance Sensor Having An Antiferromagnetic Pinning Layer With Both Surfaces Pinning Ferromagnetic Bias Layers

**Serial Number:** 10/081,046

**Art Unit:** 2653

**Examiner:** C. Magee

**AMENDMENT UNDER FINAL**

Commissioner for Patents  
Alexandria, VA 22313-1450

Sir:

This Amendment is submitted in response to the Official Action mailed March 22, 2004.

Please amend the above-identified application as specified herein.